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PHOTOGRAPHIC INTERPRETATION REPORT

25X1A

[redacted] MISSION [redacted]998

25X1A

1 DECEMBER 1967

NPIC/R-288/67
DECEMBER 1967

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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WARNING

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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [redacted] MISSION [redacted]-998, 1 DEC 67. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS-- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT (21-75 MM), MEDIUM (76-100 MM), HEAVY (OVER 100 MM), AND AUTOMATIC WEAPONS (ZPU-1, ZPU-2, AND ZPU-4). IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

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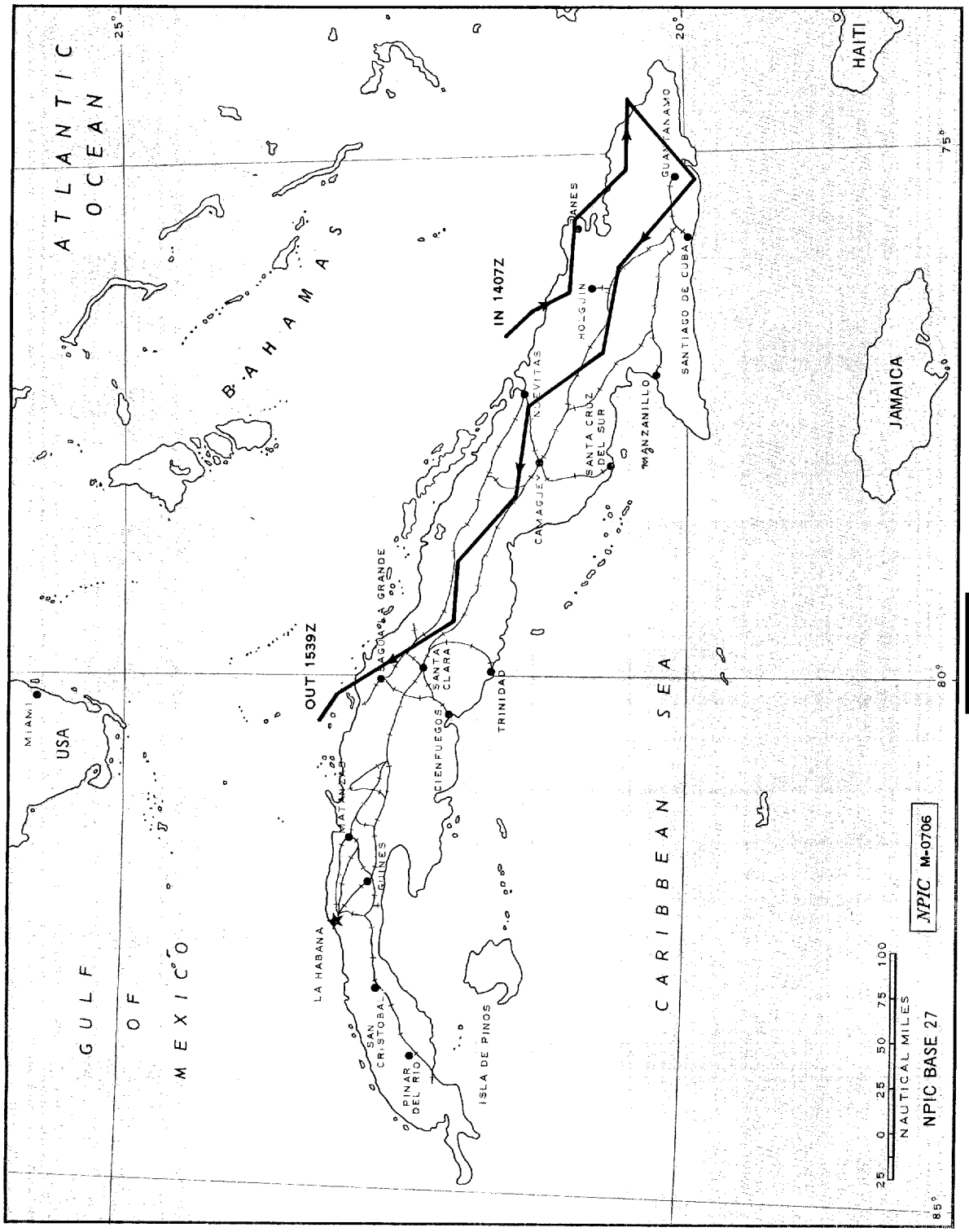
NPIC/R-288/7



APPROXIMATE TRACK OF [redacted] MISSION 1998, 1 DECEMBER 1967

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MISSILES

25X1A [redacted]

HOLGUIN SAM SITE B27-2 CU 2052N 07627W

OB -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES), 6 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 VAN TRAILERS, 1 TRUCK-MOUNTED CRANE, 8 PROBABLE ZIL-157V, AND 3 OTHER VAN TRAILERS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D [redacted]

HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W

OB -- 4 EMPLACED LAUNCHERS (3 WITH MISSILES), 10 MISSILE TRANSPORTERS (8 WITH EXPOSED MISSILES), AN OCCUPIED GUIDANCE AREA, A PROBABLE ACQUISTION RADAR, AND AT LEAST 6 CARGO TRUCKS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D [redacted]

HOLGUIN SAM SITE WEST CU 2051N 07627W

OB -- NONE OBSERVED.
CONSTRUCTION CONTINUES.

25X1D [redacted]

SANTA CLARA SAM SITE A34-2 CU 2229N 08000W

OB -- 6 EMPLACED LAUNCHERS (5 WITH MISSILES AND 1 WITH MISSILE BEING LOADED/UNLOADED), 11 MISSILE TRANSPORTERS, 13 TRACKED PRIME MOVERS, 2 VAN TRUCKS, 9 VEHICLES/PIECES OF EQUIPMENT, AN OCCUPIED CENTRAL GUIDANCE REVETMENT, AND AN OCCUPIED ACQUISITION RADAR REVETMENT.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D [redacted]

SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N 07550W

OB -- 6 EMPLACED LAUNCHERS, 12 MISSILE TRANSPORTERS (3 WITH EXPOSED MISSILES), 2 ADDITIONAL LAUNCHERS, A FAN

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SONG RADAR WITH SHED-COVERED EQUIPMENT, 13 AT-S TRACKED PRIME MOVERS, 4 ZIL-157V TRUCK TRACTORS, 14 CARGO TRUCKS, 1 PROBABLE TRUCK-MOUNTED CRANE, AND 3 ADDITIONAL VAN TRAILERS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D [redacted]

25X1A [redacted]

SANTIAGO DE CUBA SAM ASSEMBLY AREA CU 2004N 07553W

OB -- 4 MISSILE TRANSPORTERS, 3 MISSILE CANISTER TRANSPORTERS, 4 FLATBED TRACTOR TRAILER TRUCKS, 4 ZIL-157V TRUCK TRACTORS, 2 CARGO TRUCKS, AND 3 UTILITY TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

SANTIAGO DE CUBA SAM SITE 2 CU 1958N 07549W

OB -- NONE OBSERVED.
CONSTRUCTION CONTINUES.

25X1D [redacted]

PALMA SORIANO SAM SITE A02-2 CU 2015N 07559W

OB -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES), 14 MISSILE TRANSPORTERS (5 WITH EXPOSED MISSILES), A FAN SONG RADAR WITH ASSOCIATED SUPPORT EQUIPMENT, AN ACQUISITION RADAR AND GENERATOR VAN, AND 9 PROBABLE ZIL-157V.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D [redacted]

LA VEGUITA SAM ASSEMBLY AREA CU 2049N 07615W

OB -- 4 MISSILE TRANSPORTERS, 2 TRACKED PRIME MOVERS, 1 FLATBED TRUCK, 3 UTILITY TRUCKS, AND NUMEROUS MISSILE CANISTERS.

25X1D [redacted]

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SAN PEDRO DE CACOCUM SAM SITE A06-2 CU 2045N 07615W

OB -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES) AND A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D [redacted]

SANTIAGO SAM TRAINING AREA CU 1958N 07551W

OB -- AT LEAST 25 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD CU 2229N 07956W

OB -- 22 FAGOT/FRESCO, 2 CRATE, AND 1 HOUND.

25X1D [redacted]

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W

OB -- 1 PROBABLE C-47, 13 COLT, AND 9 HOUND.
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.

25X1D [redacted]

HOLGUIN AIRFIELD CU 2047N 07618W

OB -- 4 FISHBED, 11 FAGOT/FRESCO, AND 1 HOUND.
GROUND RESOLUTION LIMITS INTERPRETATION.

25X1D [redacted]

LOS CANOS AIRFIELD CU 2005N 07509W

OB -- NONE OBSERVED.

25X1D [redacted]

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25X1A [redacted]

ANTONIO MACEO AIRFIELD CU 1958N 07550W

OB -- 1 ELECTRA, 1 MORAVA L-200, AND 4 HOUND.

25X1D [redacted]

NAVAL ACTIVITY/PORTS

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2001N 07550W

OB -- NONE OBSERVED.
OTHER VESSELS -- 1 LARGE FREIGHTER AND 1 COASTAL FREIGHTER.

25X1D [redacted]

NUEVITAS PORT CU 2132N 07715W

VESSELS -- 3 LARGE FREIGHTERS AND 2 TANKERS.

25X1D [redacted]

LA ISABELA PORT FACILITIES CU 2256N 08000W

VESSELS -- 2 LARGE FREIGHTERS.

25X1D [redacted]

ELECTRONICS/COMMUNICATIONS

HOLGUIN AW RADAR FACILITY CU 2048N 07618W

OB -- NONE OBSERVED.

25X1D [redacted]

SANTIAGO DE CUBA AW RADAR FAC CU 1959N 07551W

OB -- NONE OBSERVED.

25X1D [redacted]

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SAGUA LA GRANDE EW/GCI RADAR SITE 2 CU 2248N Ø8ØØ6W

25X1D OB -- NONE OBSERVED.

[redacted]

PAINSERA RDR SITE PUNTA DE MULAS CU 2101N Ø7535W

OB -- 1 PROBABLE LOW SIEVE RADAR.

25X1D [redacted]

SAN MIGUEL EW/GCI RADAR SITE CU 2229N Ø7953W

OB -- 1 TOKEN RADAR AND 2 PROBABLE ASSOCIATED VANS.

25X1D [redacted]

HOLGUIN AIRFIELD RADAR SITE SW CU 2Ø45N Ø7621W

OB -- 1 TOKEN-CONFIGURATED RADAR, 1 VAN TRUCK, 2 CARGO TRUCKS, 4 VAN TRAILERS, AND 1 GENERATOR VAN.

25X1D [redacted]

MILITARY ACTIVITY

ALTO CEDRO MILITARY CAMP CU 2Ø29N Ø76ØØW

OB -- AREA 1 -- 21 TANKS/SP GUNS, 22 FA PIECES, 42 CARGO TRUCKS, AND 3 UTILITY TRUCKS.
AREA 2 -- 15 PROBABLE FA PIECES AND 23 CARGO TRUCKS.
AREA 3 -- 17 FA PIECES AND 21 CARGO TRUCKS.
AREA 4 -- 8 TANKS/SP GUNS, 27 CARGO TRUCKS, AND 8 UTILITY TRUCKS.
AREA 5 -- 21 CARGO TRUCKS AND 5 OTHER VEHICLES/PIECES OF EQUIPMENT.
AREA 6 -- 2Ø CARGO TRUCKS.
AREA 7 -- 6 FA PIECES, 6 MORTARS, AND 14 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

[redacted]

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25X1A [redacted]

DOS CAMINOS MILITARY CAMP CU 2014N 07547W

OB -- 3 FA PIECES, 4 AAA PIECES, 38 CARGO TRUCKS, AND 14 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

GUANTANAMO AREA CU 2018N 07525W

NO NEW MILITARY ACTIVITY OBSERVED.
AREAS 1, 2 -- 20 PERCENT USEABLE COVERAGE.
AREAS 3, 9 -- 90 PERCENT USEABLE COVERAGE.
AREAS 4, 5, 6, AND 7 -- 80 PERCENT USEABLE COVERAGE.
AREA 8 -- 95 PERCENT USEABLE COVERAGE.

25X1D [redacted]

HOLGUIN MILITARY CAMP EAST CU 2053N 07613W

OB -- MAIN CAMP -- 59 FA PIECES, 42 AAA PIECES, 15 MORTARS, 104 CARGO TRUCKS, 6 UTILITY TRUCKS, 8 CARGO TRAILERS, AND 7 UNIDENTIFIED VEHICLES.
CAMP 2.2 NM SE -- 1 CARGO TRUCK AND 12 SMALL CARGO TRAILERS OBSERVED IN CLOUD-FREE AREA.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

HOLGUIN MILITARY CAMP NORTH CU 2057N 07616W

OB -- 5 PROBABLE AAA PIECES AND 22 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

REMEDIOS MILITARY CAMP NW CU 2227N 07935W

OB -- APPROXIMATELY 80 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

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SANTIAGO MILITARY CAMP CUABITAS CU 2003N 07548W

OB -- 15 TANKS/SP GUNS, 6 TANK TRANSPORTERS, AND 20 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

SANTIAGO MILITARY CAMP LA QUINTA CU 2002N 07551W

OB -- 5 FA PIECES, 4 MORTARS, 35 CARGO TRUCKS, AND 1 VEHICLE/PIECE OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

MINAS MILITARY CAMP FUNDICION CU 2127N 07734W

OB -- 8 CANVAS-COVERED TANKS/SP GUNS AND 2 VAN TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

OFELIA MILITARY CAMP CU 2006N 07530W

OB -- 4 PROBABLE FA PIECES, 26 CARGO TRUCKS, AND 4 CARGO TRAILERS.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

PUERTO PADRE MILITARY AREA CU 2111N 07639W

OB -- 12 TANKS/SP GUNS, 12 FA PIECES, 9 PROBABLE FA PIECES, 37 CARGO TRUCKS, 7 PROBABLE CARGO TRAILERS, AND 14 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

[redacted]

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SANTA CLARA MILITARY CAMP SOUTH CU 2222N Ø7958W

OB -- 2Ø CARGO TRUCKS, 2 VAN TRUCKS, AND 1Ø OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

SANTIAGO DE CUBA MILITARY BKS NW CU 2ØØ3N Ø7554W

OB -- AT LEAST 2Ø CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

SANTIAGO DE CUBA MILITARY CAMP NW CU 2ØØ3N Ø7553W

OB -- 46 FA PIECES, 12 MORTARS, 1Ø5 CARGO TRUCKS, AND 2 TRACTOR TRAILER TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL CU 2Ø1N Ø7547W

OB -- 32 FA PIECES, 19 AAA PIECES, 25 CARGO TRUCKS, AND 3 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

JESUS MARIA PROBABLE MILITARY BARRACKS CU 2Ø56N Ø7615W

OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1D [redacted]

SIBONEY LANDING BEACH CU 1957N Ø7542W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D [redacted]

[redacted]

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MAR VERDE LANDING BEACH CU 1957N Ø7556W [redacted]

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D [redacted]

OTHER ACTIVITY

SANTIAGO MIL CAMP SW EARTH-COVERED BUNKER CU 1959N Ø7550W

NO ACTIVITY OR CHANGE OBSERVED. OBLIQUITY LIMITS INTERPRETATION.

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-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

25X1A [redacted]

CIFUENTES SAM ASSEMBLY AREA	2236N 08005W
SANTA CLARA AW RADAR FACILITY	2230N 07956W
PUNTA MAISI LOW SIEVE RADAR SITE	2014N 07409W
LA SOCAPA LOW SIEVE RADAR SITE	1958N 07552W
EL CRISTO MILITARY INSTALLATION	2010N 07547W
SANTA CLARA MILITARY CAMP SANTA EULOGIA	2223N 07957W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
IMIAS LANDING BEACH	2005N 07440W
MOA (PUNTA GORDA) LANDING BEACH	2039N 07453W
MOA (CANANOVA) LANDING BEACH	2039N 07502W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

25X1A [redacted]

RANCHUELO SAM SITE A33-2	2223N 08010W
SANTA ISABEL DE LAS LAJAS SAM SITE A35-2	2228N 08018W
LA ESPERANZA SAM ASSEMBLY AREA	2227N 08008W
CAIBARIEN PORT	2231N 07928W
CORRALILLO MILITARY AREA	2301N 08038W
SANTA CLARA ARTILLERY TRAINING AREA	2222N 08000W
NICARO LANDING BEACH	2042N 07533W

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